

Appendix B - Full Application Checklist

SNC Reference#: 879

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

Please mark each box if item is included in the application. Please consult with SNC staff prior to submission if you have any questions about the applicability to your project of any items on the checklist. All applications must include a CD including an electronic file of each checklist item, if applicable. The naming convention for each electronic file is listed after each item on the checklist. (Electronic File Name = EFN: "naming convention". file extension choices)

Submission requirements for all Category One and Category Two Grant Applications

1. Completed Application Checklist (EFN: Checklist.doc, .docx, .or .pdf)
2. Table of Contents (EFN: TOC.doc, .docx, or .pdf)
3. Full Application Project Information Form (EFN: SIform.doc, .docx, or .pdf)
4. CCC/Local Conservation Corps Document (EFN: CCC.pdf)
5. Authorization to Apply or Resolution (EFN: authorization.doc, .docx, or .pdf)
6. Narrative Descriptions (EFN: Narrative.doc or .docx)
 - a. Detailed Project Description (5,000 character maximum for section 6a only)
Project Description including Goals/Results, Scope of Work, Location, Purpose, etc.
 - b. Workplan and Schedule
 - c. Restrictions, Technical/Environmental Documents and Agreements
 - Restrictions / Agreements (EFN: RestAgree.pdf)
 - Regulatory Requirements / Permits (EFN: RegPermit.pdf)
 - d. Organizational Capacity
 - e. Cooperation and Community Support
 - Letters of Support (EFN: LOS.pdf)
 - f. Tribal Consultation Narrative (EFN: tribal.doc, docx)
 - g. Long Term Management and Sustainability
 - Long-Term Management Plan (EFN: LTMP.pdf)
 - h. Performance Measures
7. Budget documents
 - a. Detailed Budget Form (EFN: Budget.xls, .xlsx)
8. Supplementary Documents
 - a. Environmental Documentation
 - California Environmental Quality Act (CEQA) documentation (EFN: CEQA.pdf)
 - National Environmental Policy Act (NEPA) documentation (EFN: NEPA.pdf)
 - b. Maps and Photos
 - Project Location Map (EFN: LocMap.pdf)
 - Parcel Map showing County Assessor's Parcel Number(s) (EFN: ParcelMap.pdf)

Table of Contents

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

- 1) Full Application Project Information Form (SIform.doc)
- 2) CCC/Local Conservation Corps Document (CCC.pdf)
- 3) Authorization to Apply (Authorization.pdf)
- 4) Narrative Descriptions (Narrative.doc)
 - a. Detailed Project Description
 - b. Workplan and Schedule
 - c. Restrictions/Agreements, Technical/Environmental Documents
 - d. Organizational Capacity
 - e. Cooperation and Community Support
 - f. Performance Measures
- 5) Sample Agreement (RestAgree.pdf)
- 6) Letters of Support (LOS.pdf)
- 7) Tribal Consultation Narrative (tribal.doc)
- 8) Long-Term Management Plan (LTMP.pdf)
- 9) Detailed Budget Form (Budget.xls)
- 10) CEQA documentation (CEQA.pdf)
- 11) NEPA documentation (NEPA.pdf)
- 12) Project Location Map (LocMap.pdf)
- 13) Parcel Map showing County Assessor's Parcel Numbers (ParcelMap.pdf)
- 14) Topographic Map (Topo.pdf)
- 15) Satellite Image of Project Area (Satellite.pdf)
- 16) Photos of the Project Site (Photo.pdf)
- 17) Site Plan (SitePlan.pdf)

SIERRA NEVADA CONSERVANCY	
PROPOSITION 1 – Watershed Improvement Program Project Information Form	
SNC REFERENCE #	
PROJECT NAME	
APPLICANT NAME (<i>Legal name, address, and zip code</i>)	
AMOUNT OF GRANT REQUEST	
TOTAL PROJECT COST	
PROJECT LOCATION (<i>County with approx. lat/long, center of project area</i>)	
SENATE DISTRICT NUMBER	ASSEMBLY DISTRICT NUMBER
PERSON WITH MANAGEMENT RESPONSIBILITY FOR GRANT CONTRACT	
<i>Name and title:</i> _____ <i>Phone:</i> _____ <i>Email Address:</i> _____	
<input type="checkbox"/> Mr.	
<input type="checkbox"/> Ms.	
TRIBAL CONTACT(S) INFORMATION	
<i>Name:</i> _____ <i>Phone Number:</i> _____	
<i>Email address:</i> _____	
COUNTY ADMINISTRATOR OR PLANNING DIRECTOR CONTACT INFORMATION	
<i>Name:</i> _____ <i>Phone Number:</i> _____	
<i>Email address:</i> _____	
NEAREST PUBLIC WATER AGENCY CONTACT INFORMATION	
<i>Name:</i> _____ <i>Phone Number:</i> _____	
<i>Email address:</i> _____	

Please identify the appropriate project category below and provide the associated details (Choose One)

Category One Site Improvement

Category Two Pre-Project Activities

Category One Acquisition

Site Improvement/ Acquisition Project Area (for Category One Projects Only)

Total Acres:

SNC Portion (if different):

Acquisition Projects Only For Acquisitions Only

Appraisal Included

Select one deliverable (for Category Two Projects Only)

Permit

CEQA/NEPA Compliance

Appraisal

Condition Assessment

Biological Survey

Environmental Site Assessment

Plan

Actual project acreage is 210.75, per applicant. File updated 3/30/2016 (PE)

CCC / Local Conservation Corps Consultation Review Document

Project Name: Post-Fire Restoration in the Rubicon Watershed
Applicant: Placer County Resource Conservation District

Please see attached emails indicating that both the CCC and the Sacramento Regional Conservation Corps have indicated it is feasible for them to assist with this project.

Elisa Noble

From: Prop 1@CCC <Prop1@CCC.CA.GOV>
Sent: Thursday, February 25, 2016 12:58 PM
To: Elisa Noble; Prop 1@CCC; inquiry@prop1communitycorps.org
Cc: Monroe, Carie@CCC
Subject: RE: Prop 1 SNC Proposal - for your review

Hello Elisa.

Carie Monroe, the Conservation Supervisor at our CCC Placer location has responded to the partnership for your project: Watershed Restoration in the King Fire Watershed Project. CCC can assist with this project.

Please include this email with your project application as proof that you reached out to the CCC. Feel free to contact Carie Monroe at Carie.Monroe@ccc.ca.gov directly if you have project-specific questions and when your project receives funding.

Thanks,

Nick Martinez
Region II Analyst
California Conservation Corps
Office (916) 341-3157
Nicholas.Martinez@ccc.ca.gov



From: Elisa Noble [mailto:elisa@placercountyrcd.org]
Sent: Monday, February 22, 2016 9:29 PM
To: Prop 1@CCC <Prop1@CCC.CA.GOV>; inquiry@prop1communitycorps.org
Subject: Prop 1 SNC Proposal - for your review

Hello Crystal and the CCC Prop 1 Coordinator,

Please see attached our pre-application materials for a Watershed Restoration project in the Rubicon area that was burned in the King Fire. If approved, we hope to start this fall, and finish by Spring 2019 at the latest. The work will consist primarily of hand labor to remove invasive shrubs, fall burned submerchantable timber, implement other erosion practices, broadcast seed and mulch, and plant tree seedlings – all of this will be on steep slopes, 200-feet on either side of the blue line streams. We may also be doing some surface treatment of rocking 4.5 miles of road. Please let me know if any part of this project would be of interest for Corps participation. We recognize the March 1 deadline is only a week away, and appreciate your feedback.

Thank you,
Elisa

Elisa Noble

Executive Director
Placer Resource Conservation District
11661 Blocker Dr. #115
Auburn, CA 95603

Elisa Noble

From: Prop1 Community Corps <inquiry@prop1communitycorps.org>
Sent: Wednesday, February 24, 2016 11:33 AM
To: Elisa Noble; Prop 1@CCC
Subject: Re: Prop 1 SNC Proposal - for your review

Hello Elsa,

Baldeo of the Sacramento Regional Conservation Corps has responded that they are able to assist with the Watershed Restoration in King Fire Watershed if it receives funding. Please include this email with your application as proof that you reached out to the Local Conservation Corps.

Additionally, please feel free to contact Baldeo Singh (bsingh@saccorps.org) directly if your project receives funding.

Thank you,

Dominique

California Association of Local Conservation Corps

Proposition 1 – Water Bond

Consultation Review Document

Applicant has submitted the required information by email to the Local Conservation Corps (CALCC):

✓Yes (applicant has submitted all necessary information to CALCC)

After consulting with the project applicant, the CALCC has determined the following:

✓It is feasible for CALCC to be used on the project (deemed compliant)

APPLICANT WILL INCLUDE THIS DOCUMENT AS PART OF THE PROJECT APPLICATION.

On Mon, Feb 22, 2016 at 9:43 PM, Elisa Noble <elisa@placercountyrcd.org> wrote:



Placer County Resource Conservation District

March 30, 2016

Sierra Nevada Watershed Improvement Grant Review Committee:

The Board of Directors of the Placer County Resource Conservation District (Placer RCD) has delegated limited authorities to myself, as the Executive Director, consistent with Placer County Resource Conservation District fiscal policies and procedures. Among these delegated authorities is the authority to complete and submit grant applications.

Placer RCD's application for "Post-Fire Restoration in the Rubicon Watershed" under Sierra Nevada Conservancy's Watershed Improvement Grant, was discussed and agreed upon at a Placer RCD Board Meeting.

According to Placer RCD's Delegated Authority Resolution, I, as the Executive Director, give myself the authority to submit this project grant application – "Post-Fire Restoration in the Rubicon Watershed" – to the Sierra Nevada Conservancy, on behalf of Placer RCD.

Please contact me with any questions.

Thanks,

A handwritten signature in blue ink that reads "Elisa Noble". The signature is written in a cursive, flowing style.

Elisa Noble

**PLACER COUNTY RESOURCE CONSERVATION DISTRICT
RESOLUTION NO. 11-01**

Before the Board of Directors, Placer County Resource Conservation District,
County of Placer, State of California

**In the matter of: A RESOLUTION TO DELEGATE LIMITED AUTHORITIES TO DISTRICT
MANAGER/EXECUTIVE DIRECTOR CONSISTENT WITH PLACER COUNTY RESOURCE
CONSERVATION DISTRICT FISCAL POLICIES AND PROCEDURES.**

WHEREAS, the Board of Directors of Placer County RCD have adopted fiscal policies and procedures; and

WHEREAS, it is the desire of the Board of Directors to provide for the efficient daily operation of the District while maintaining fiscal and policy integrity through the careful delegation of authority; and

WHEREAS, the Board of Directors have the authority to delegate reasonable and limited approval and signing authorities to its District Manager/Executive Director (or other employees) to bind the District with regard to their specific areas of responsibility;

BE IT HEREBY RESOLVED by the Board of Directors of the Placer County Resource Conservation District, County of Placer, State of California, that this Board:

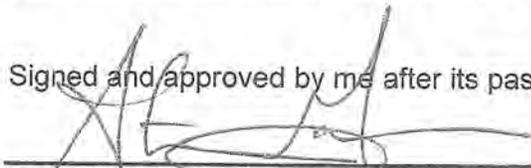
1. Recognizes that its District Manager/Executive Director shall be able to conduct negotiations, sign and approve documents, including but not limited to, applications, agreements, payment requests, and so on, which may be necessary for the execution and completion of programs, projects, services, and activities benefitting the District and its Partners.

2. Conveys to its District Manager/Executive Director the limited authority to negotiate, approve, sign and enter into binding agreements with another party or parties on behalf of Placer County RCD. Such authorities include:

- Contractual service agreements
- Personal Service Contracts
- Memoranda of Understanding (MOUs)
- Memoranda of Agreement (MOAs)
- Interagency Agreements (IAA)
- Grant Application
- Grant Execution
- Grant Amendments
- Payment requests
- Licenses and Permits
- Revolving business accounts

The following RESOLUTION was duly passed by the Board of Directors of the Placer County Resource Conservation District at a regular meeting held Tuesday, July 26, 2011.

Signed and approved by me after its passage.



Steve Garcia, Chair, Board of Directors

Narrative Descriptions

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

Detailed Project Description

The northern portion of the 2014 King Fire devastated large portions of the Rubicon River watershed. The purpose of this project is to restore key sensitive areas of the 13-mile stretch of the Rubicon River drainage that runs southwest out of Hell Hole Reservoir that burned rim to rim at a high intensity (33,280-acres subwatershed area). The project goals are to reduce sedimentation and erosion in the watershed, improve forest health and water quality, restore wildlife habitat, reduce GHG emissions, increase carbon storage, and improve biodiversity and overall watershed health.

This project furthers the purposes of Proposition 1 by addressing forest and watershed health in the Rubicon River drainage, one of the main tributaries that stores and transports water from the crest of the Sierra Nevadas, through Placer County, into the American River, which drains into the Sacramento River - providing an important source of water for the residents and communities of Placer County, as well as the rest of California. In addition, much of the sediment and debris that erodes down the Rubicon Watershed ends up in Placer County Water Agency's (PCWA) Ralston Afterbay reservoir. Major mechanical efforts are then required to remove this sediment and debris, and transport it somewhere else. This is very costly, results in GHG emissions, and can limit the associated hydroelectric operations. It also limits PCWA's ability to store, transport, and supply water.

The project aligns with the California Water Action Plan because it will restore portions of a post-fire watershed to help meet both ecological and human needs – meeting the three broad objectives of 1) a more reliable water supply; 2) restoration of important habitat for species; and 3) a sustainably managed water resources system that supports water supply, water quality, flood protection, and environmental goals.

The project clearly meets Sierra Nevada Conservancy's (SNC) Strategic Plan and Watershed Improvement Program goals by collaborating with partners to identify strategic watershed and forest health needs, and then finding cost-effective solutions based on available resources. This project will provide important restoration work in a key watershed impacted by a high-intensity fire. The project will produce multiple ecosystem benefits, as well as support the local economies and communities that depend on natural resources and associated recreation and tourism.

The project deliverables (areas and practices) were chosen based on watershed need (damage resulting from the fire, current condition, and likelihood of further damage based on burn intensity, slope, sedimentation buildup, etc.), NEPA and CEQA readiness, and ability to complete the project cost-efficiently due to proximity to other existing projects. While the various practices are spread throughout the 13-mile project area, their successive completion will

lead to important improvements in a watershed that has not seen any restoration since the 2014 King Fire.

Rains and wind following the King Fire have exacerbated the poor conditions. The road and culvert damage are direct results of the fire and the weather since then. The longer these areas remain unrestored, the more sedimentation will flow into the tributaries, causing erosion, poor water quality, impaired wildlife habitat, and many other impacts. In order to meet the goals of the various State planning priorities, we must develop strategies to restore watersheds as quickly as possible following catastrophic fires. This project will serve as a watershed adaptation project that can demonstrate the need and outcomes of post-fire restoration work.

Submerchantable burned material and any invasive type of brush vegetation, will be cut down and distributed across the landscape. This will serve as erosion control, as well as minimizing the potential for that forest section to transition to a brushscape. Depending on the slope of the ground, this work will be conducted by a masticator or by hand crews. Then, a two mile stretch of a heavily impacted stream will be seeded with native vegetation and covered with straw. Finally, native hardwoods – such as cedar, maple, alder, and willows – will be planted in clumps throughout that section. These plantings will help the ecosystem re-establish their non-conifer populations, which leads to greater biodiversity and will become future large, woody debris that help create functional watersheds.

Performing this restoration work will provide erosion control structures in key watershed areas, break down remaining burned submerchantable woody biomass so it can more quickly incorporate back into the soil, reduce additional sedimentation flowing into the watershed by restoring a key culvert and stretch of road, and help native riparian vegetation become re-established in areas where no natural regrowth has occurred since the fire. The completion of these practices will reduce GHG emissions from dead woody materials, increase carbon storage by incorporating this woody material back into the soil and planting new trees, and reduce wildfire risk by breaking down dead material and brush that is growing back in place of trees.

The project deliverables include:

- 1) mastication of submerchantable burned timber and brush on 125 acres of U.S. Forest Service land designated as priority “watershed sensitive areas,”
- 2) hand treatment (lop and scatter) of submerchantable burned timber and brush on 30 acres of steep U.S. Forest Service land designated as priority “watershed sensitive areas,”
- 3) surface treatment via road rocking on 1 miles of heavily-used U.S. Forest Service road (Wallace Creek Road) that runs along a Class 1 fish stream (2 acres),
- 4) erosion control and revegetation practices along 100-foot buffer on both sides of 2 miles of stream (48.5 acres),
 - Hand crews fall submerchantable burned timber horizontally (side-slope) to act as erosion control and allow material to break down
 - Broadcast seed native grass species
 - Cover seeding with straw mulch to protect from wildlife and weather, and to increase the germination success rate
 - Plant riparian hardwoods and shrubs at an average rate of 15/acre throughout the 100-foot buffers

- 5) erosion control and revegetation practices on 5 acres of previously-used timber operation landings, and
 - Same set of practices as #5 above
- 6) repair one culvert (Pigeon Roost) located in a critical restoration area (.25 acres).

This project will complement the CalFire Reforestation grant recently received by Placer RCD to reforest 1,537 acres burned in the King Fire, American Fire, Star Fire, and Robbers Fire. These are private timberland acres that would not otherwise be reforested due to slope and other factors that make them economically unfeasible to replant. Since we will already be working in this watershed to complete environmental analyses and reforest the timberland areas, we can efficiently and cost-effectively perform the additional work necessary to implement the proposed watershed restoration practices in the drainages.

This work needs to be completed in many additional areas throughout the Rubicon and greater American River watershed. Placer RCD’s goal is to continue working with partners to identify additional funding to restore all areas of the watershed.

Workplan and Schedule

Assuming implementation can begin September 2016, the immediate goal would be to complete the CEQA field work necessary for the work on 53.5 acres of private ground before winter weather sets in. Project managers will already be working in this area on the complementary CalFire Reforestation grant, so this additional work could be done efficiently.

Below is a detailed work plan of project deliverables and timeline.

<u>DETAILED PROJECT DELIVERABLES</u>	<u>TIMELINE</u>
sign grant agreement	Fall 2016
procure necessary materials and equipment	
complete CEQA for 53.5 private land acres	
file NOE with State Clearinghouse	
ongoing administrative and project management	
coordinate with USFS for 2017 work on USFS lands	Winter 2016
determine schedule of work to be completed in 2017	
contract with CCCs and/or others for 2017 work	
ongoing administrative and project management	
coordinate with USFS for Spring 2017 work on USFS lands <i>(1 mile road rock surface treatment)</i> <i>(replace Pigeon Roost culvert)</i>	Spring 2017
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit 6-month progress report	
coordinate with USFS for Summer 2017 work on USFS lands <i>(125 acres mastication)</i> <i>(30 acres hand crews)</i>	Summer 2017
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	

<u>DETAILED PROJECT DELIVERABLES</u>	<u>TIMELINE</u>
coordinate with USFS for any remaining work on USFS lands	Fall 2017
manage implementation of Fall 2017 work on private lands (53.5 acres slash treatment)	
(53.5 acres broadcast native seeding)	
(53.5 acres straw mulch)	
(1 acre tree planting)	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit 12-month progress report	
Plan 2018 with USFS for any remaining work on USFS lands	Winter 2017
Plan 2018 for any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
coordinate with USFS for any remaining work on USFS lands	Spring 2018
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit 18-month progress report	
coordinate with USFS for any remaining work on USFS lands	Summer 2018
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
coordinate with USFS for any remaining work on USFS lands	Winter 2018
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit 24-month progress report	
coordinate with USFS for any remaining work on USFS lands	Spring 2019
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
coordinate with USFS for any remaining work on USFS lands	Summer 2019
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit 30-month progress report	
coordinate with USFS for any remaining work on USFS lands	Fall 2019
manage implementation of any remaining work on private lands	
coordinate work with CalFire Reforestation project	
ongoing administrative and project management	
submit final report	

Restrictions/Agreements and Technical/Environmental Documents

Restrictions/Agreements

The primary agreements needed are those with the participating landowners. The private landowner is Simorg West Forests, LLC, with whom we are already working with on the CalFire Reforestation project. They are ready and willing to expand the project to include these watershed restoration elements.

The second landowner is the Georgetown Ranger District of the Eldorado National Forest. They have welcomed this opportunity for watershed restoration in areas of the Rubicon drainage where they have not yet had funding to work.

Please see the attached Memo of Understanding, which recognizes the roles of the three partners, and guarantees long-term management and SNC access for monitoring.

Technical/Environmental Documents

The 53.5 acres of this project that will occur on private lands is located within an 100-ft buffer on either side of a 1 3/4 mile length of Little Wallace Stream. This area is adjacent to land where we will already be performing CEQA and replanting trees via a CalFire Reforestation grant received by Placer RCD. Therefore, we are prepared to extend the CEQA analysis area to include this project, which will make the analysis more comprehensive, as well as cost-effective.

Since no work will be performed in any streams, and no major disturbances are proposed, we anticipate this project will meet the qualifications for a Notice of Exemption (NOE) under CEQA Section 15304 – Class 4 (minor alterations to land). There is also not enough work to trigger the concern of cumulative effects. Project partners will complete the necessary analyses and documentation, and Placer RCD will file the NOE with the State Clearinghouse.

The work to be performed on U.S. Forest Service (USFS) land was analyzed and included in the Final Environmental Impact Statement (EIS) Record of Decision for the King Fire Restoration Project.

Organizational Capacity

Placer RCD has over 20 years of experience in receiving and carrying out project-related grants, many of which have been funded through CAL FIRE. In the last two years, Placer RCD served as the fiscal administrator for twelve PG&E grants worth a total of \$820,000. These projects all had an accelerated implementation timeline, which we were able to successfully complete. Placer RCD has worked with local and state partners over the last 20 years to identify funding for the Placer County Chipper Program on an ongoing basis, and has managed this funding to ensure the ongoing successful operation of the Chipper Program. For over 20 years, Placer RCD has maintained a contract with the County of Placer to implement a variety of projects related to water quality, soil erosion, and conservation education. We have received funding from USDA NRCS to implement conservation technical assistance for landowners.

Another example is that Placer RCD has received funding from the Sacramento Area Flood Control Agency (SAFCA) to implement a multi-year treatment program for invasive weeds in a

key watershed that connects Placer and Sacramento counties. Placer RCD also has experience receiving grant funding from a variety of other sources, and experience working with a variety of partners to carry out project-related grants. Placer RCD has identified qualified local partners who, as subcontractors, can be employed to manage projects on the ground. This allows us to broaden our impact, and successfully implement a variety of project-related grants.

Cooperation and Community Support

The community is very aware and concerned about the post-fire watershed impacts in this area. During the first winter storm of 2015, the very muddy Middle Fork American River merging with the relatively-clear North Fork provided a visual representation of the challenges associated with bare and burned soil left untreated following a wildfire. All of the local and regional forestry and watershed groups (i.e. Placer Fire Alliance, Consumnes American, Bear, Yuba IRWM, etc), as well as government agencies (water, RCDs, Counties, USFS) have clearly recognized the need for post-fire watershed restoration. However, the challenge continues to be the lack of an existing, comprehensive mechanism and funding to treat these areas. Because the exact location and timing of wildfires cannot be known (although many areas are now constantly at risk), it is difficult for agencies to plan for these incidents in their annual budget processes.

Placer County Water Agency is particularly concerned and interested in this project, as the Rubicon River is the source of Placer County's water for drinking, irrigation, and wildlife habitat. This water also continues downstream to join the American River and then the Sacramento River, providing an important source of fresh water for the entire state. In addition, sediment and debris that erode down the Rubicon Watershed end up in PCWA's Ralston Afterbay. Major mechanical efforts are then required to remove this sediment and debris, and transport it somewhere else. This is very costly, results in GHG emissions, and can limit the associated hydroelectric operations.

Organizations and agencies that have expressed their support for this project include:

- Placer County
- Placer County Water Agency
- Eldorado National Forest – Georgetown Ranger District
- Placer Land Trust
- USDA Natural Resources Conservation Service – Auburn office
- Placer Fire Alliance

Performance Measures

The two primary performance measures for this project are 1) acres of land improved, and 2) linear feet of stream bank restored.

Acres of land improved = 210.75

Linear feet of stream bank restored = 2 miles

(Narrative as submitted)

Narrative Descriptions

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Detailed Project Description

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The project deliverables (areas and practices) were chosen based on watershed need (damage resulting from the fire, current condition, and likelihood of further damage based on burn intensity, slope, sedimentation buildup, etc.), NEPA and CEQA readiness, and ability to complete the project cost-efficiently due to proximity to other existing projects. While the various practices are spread throughout the 13-mile project area, their successive completion will

lead to important improvements in a watershed that has not seen any restoration since the 2014 King Fire.

Rains and wind following the King Fire have exacerbated the poor conditions. The road and culvert damage are direct results of the fire and the weather since then. The longer these areas remain unrestored, the more sedimentation will flow into the tributaries, causing erosion, poor water quality, impaired wildlife habitat, and many other impacts. In order to meet the goals of the various State planning priorities, we must develop strategies to restore watersheds as quickly as possible following catastrophic fires. This project will serve as a watershed adaptation project that can demonstrate the need and outcomes of post-fire restoration work.

Submerchantable burned material and any invasive type of brush vegetation, will be cut down and distributed across the landscape. This will serve as erosion control, as well as minimizing the potential for that forest section to transition to a brushscape. Depending on the slope of the ground, this work will be conducted by a masticator or by hand crews. Then, a two mile stretch of a heavily impacted stream will be seeded with native vegetation and covered with straw. Finally, native hardwoods – such as cedar, maple, alder, and willows – will be planted in clumps throughout that section. These plantings will help the ecosystem re-establish their non-conifer populations, which leads to greater biodiversity and will become future large, woody debris that help create functional watersheds.

Performing this restoration work will provide erosion control structures in key watershed areas, break down remaining burned submerchantable woody biomass so it can more quickly incorporate back into the soil, reduce additional sedimentation flowing into the watershed by restoring a key culvert and stretch of road, and help native riparian vegetation become re-established in areas where no natural regrowth has occurred since the fire. The completion of these practices will reduce GHG emissions from dead woody materials, increase carbon storage by incorporating this woody material back into the soil and planting new trees, and reduce wildfire risk by breaking down dead material and brush that is growing back in place of trees.

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- 2) hand treatment (lop and scatter) of submerchantable burned timber and brush on 30 acres of steep U.S. Forest Service land designated as priority “watershed sensitive areas,”
- 3) surface treatment via road rocking on 1 miles of heavily-used U.S. Forest Service road (Wallace Creek Road) that runs along a Class 1 fish stream,
- 4) erosion control and revegetation practices along 100-foot buffer on both sides of 1¾ miles of stream (40 acres),
 - Hand crews fall submerchantable burned timber horizontally (side-slope) to act as erosion control and allow material to break down
 - Broadcast seed native grass species
 - Cover seeding with straw mulch to protect from wildlife and weather, and to increase the germination success rate
 - Plant riparian hardwoods and shrubs at an average rate of 15/acre throughout the 100-foot buffers

- 5) erosion control and revegetation practices on 5 acres of previously-used timber operation landings, and
 - Same set of practices as #5 above
- 6) repair one culvert (Pigeon Roost) located in a critical restoration area.

This project will complement the CalFire Reforestation grant recently received by Placer RCD to reforest 1,537 acres burned in the King Fire, American Fire, Star Fire, and Robbers Fire. These are private timberland acres that would not otherwise be reforested due to slope and other factors that make them economically unfeasible to replant. Since we will already be working in this watershed to complete environmental analyses and reforest the timberland areas, we can efficiently and cost-effectively perform the additional work necessary to implement the proposed watershed restoration practices in the drainages.

This work needs to be completed in many additional areas throughout the Rubicon and greater American River watershed. Placer RCD's goal is to continue working with partners to identify additional funding to restore all areas of the watershed.

Workplan and Schedule

Assuming implementation can begin September 2016, the immediate goal would be to complete the CEQA field work necessary for the work on 45 acres of private ground before winter weather sets in. Project managers will already be working in this area on the complementary CalFire Reforestation grant, so this additional work could be done efficiently.

Below is a detailed work plan of project deliverables and timeline.

Restrictions/Agreements and Technical/Environmental Documents

Restrictions/Agreements

The primary agreements needed are those with the participating landowners. The private landowner is Simorg West Forests, LLC, with whom we are already working with on the CalFire Reforestation project. They are ready and willing to expand the project to include these watershed restoration elements.

The second landowner is the Georgetown Ranger District of the Eldorado National Forest. They have welcomed this opportunity for watershed restoration in areas of the Rubicon drainage where they have not yet had funding to work.

Please see the attached Memo of Understanding, which recognizes the roles of the three partners, and guarantees long-term management and SNC access for monitoring.

Technical/Environmental Documents

The 45 acres of this project that will occur on private lands is located within an 100-ft buffer on either side of a 1 3/4 mile length of Little Wallace Stream. This area is adjacent to land where we will already be performing CEQA and replanting trees via a CalFire Reforestation grant received by Placer RCD. Therefore, we are prepared to extend the CEQA analysis area to include this project, which will make the analysis more comprehensive, as well as cost-effective.

Since no work will be performed in any streams, and no major disturbances are proposed, we anticipate this project will meet the qualifications for a Notice of Exemption (NOE) under CEQA Section 15304 – Class 4 (minor alterations to land). There is also not enough work to trigger the concern of cumulative effects. Project partners will complete the necessary analyses and documentation, and Placer RCD will file the NOE with the State Clearinghouse.

The work to be performed on U.S. Forest Service (USFS) land was analyzed and included in the Final Environmental Impact Statement (EIS) Record of Decision for the King Fire Restoration Project.

Organizational Capacity

Placer RCD has over 20 years of experience in receiving and carrying out project-related grants, many of which have been funded through CAL FIRE. In the last two years, Placer RCD served as the fiscal administrator for twelve PG&E grants worth a total of \$820,000. These projects all had an accelerated implementation timeline, which we were able to successfully complete. Placer RCD has worked with local and state partners over the last 20 years to identify funding for the Placer County Chipper Program on an ongoing basis, and has managed this funding to ensure the ongoing successful operation of the Chipper Program. For over 20 years, Placer RCD has maintained a contract with the County of Placer to implement a variety of projects related to water quality, soil erosion, and conservation education. We have received funding from USDA NRCS to implement conservation technical assistance for landowners.

Another example is that Placer RCD has received funding from the Sacramento Area Flood Control Agency (SAFCA) to implement a multi-year treatment program for invasive weeds in a key watershed that connects Placer and Sacramento counties. Placer RCD also has experience receiving grant funding from a variety of other sources, and experience working with a variety of partners to carry out project-related grants. Placer RCD has identified qualified local partners who, as subcontractors, can be employed to manage projects on the ground. This allows us to broaden our impact, and successfully implement a variety of project-related grants.

Cooperation and Community Support

The community is very aware and concerned about the post-fire watershed impacts in this area. During the first winter storm of 2015, the very muddy Middle Fork American River merging with the relatively-clear North Fork provided a visual representation of the challenges associated with bare and burned soil left untreated following a wildfire. All of the local and regional forestry and watershed groups (i.e. Placer Fire Alliance, Consumnes American, Bear, Yuba IRWM, etc), as well as government agencies (water, RCDs, Counties, USFS) have clearly recognized the need for post-fire watershed restoration. However, the challenge continues to be the lack of an existing, comprehensive mechanism and funding to treat these areas. Because the exact location and timing of wildfires cannot be known (although many areas are now constantly at risk), it is difficult for agencies to plan for these incidents in their annual budget processes.

Placer County Water Agency is particularly concerned and interested in this project, as the Rubicon River is the source of Placer County's water for drinking, irrigation, and wildlife habitat. This water also continues downstream to join the American River and then the Sacramento River, providing an important source of fresh water for the entire state. In addition, sediment and debris that erode down the Rubicon Watershed end up in PCWA's Ralston Afterbay. Major mechanical efforts are then required to remove this sediment and debris, and transport it somewhere else. This is very costly, results in GHG emissions, and can limit the associated hydroelectric operations.

Organizations and agencies that have expressed their support for this project include:

- Placer County
- Placer County Water Agency
- Eldorado National Forest – Georgetown Ranger District
- Placer Land Trust
- USDA Natural Resources Conservation Service – Auburn office
- Placer Fire Alliance

Performance Measures

The two primary performance measures for this project are 1) acres of land improved, and 2) linear feet of stream bank restored.

Acres of land improved = 209

Linear feet of stream bank restored = 2 miles

Project Agreement

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

**Memorandum of Understanding
Post-Fire Restoration in the Rubicon Watershed
Between:
Placer County Resource Conservation District
Eldorado National Forest, Georgetown Ranger District
Simorg West Forest, LLC**

Purpose

The purpose of this MOU is to document the partnership between the three entities listed above to implement the project “Post-Fire Restoration in the Rubicon Watershed,” as being applied for under the Sierra Nevada Conservancy Proposition 1 grant program.

Project Deliverables

- 1) mastication of submerchantable burned timber and brush on 125 acres of U.S. Forest Service land designated as priority “watershed sensitive areas,”
- 2) hand treatment (lop and scatter) of submerchantable burned timber and brush on 30 acres of steep U.S. Forest Service land designated as priority “watershed sensitive areas,”
- 3) surface treatment via road rocking on 1 miles of heavily-used U.S. Forest Service road (Wallace Creek Road) that runs along a Class 1 fish stream,
- 4) erosion control and revegetation practices along 100-foot buffer on both sides of 1¾ miles of stream (40 acres)
 - Hand crews fall submerchantable burned timber horizontally (side-slope) to act as erosion control and allow material to break down
 - Broadcast seed native grass species
 - Cover seeding with straw mulch to protect from wildlife and weather, and to increase the germination success rate
 - Plant riparian hardwoods and shrubs at an average rate of 15/acre throughout the 100-foot buffers
- 5) erosion control and revegetation practices on 5 acres of previously-used timber operation landings, and
 - Same set of practices as #5 above
- 6) repair one culvert (Pigeon Roost) located in a critical restoration area.

Long Term Management Plan & Monitoring

The partners agree to work together to ensure that the restoration work performed under this grant is maintained for at least ten years. This will include at least bi-annual monitoring to document the status of watershed health conditions in the project area. If any restoration work is subsequently damaged or otherwise not effective, the partners will make every effort to remedy those areas.

The partners will also make the restoration areas available to Sierra Nevada Conservancy for monitoring for 25 years.

Placer RCD Representative

Date

Georgetown Ranger District Representative

Date

Simorg West Forest, LLC Representative

Date

Letters of Support

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

Please see attached Letters of Support from the following entities:

Placer County Executive Office

Placer County Water Agency

February 29, 2016

Re: Sierra Nevada Conservancy Watershed Improvement Program Grant

To Whom It May Concern:

I am writing in support of the application submitted by the Placer County Resource Conservation District (RCD) to restore portions of the Rubicon River watershed that were burned in the 2014 King Fire. The project goals are to reduce sedimentation, improve forest health and water quality, restore wildlife habitat, and improve biodiversity and overall watershed health.

This project was developed jointly with the Placer County Water Agency, Eldorado National Forest, and Simorg West Forest LLC, who is the predominant private timberland owner in the area. Multiple partners support this project as the Rubicon River is a main source of Placer County's water for drinking, irrigation, and wildlife habitat. This water also continues downstream to join the American River and then the Sacramento River, providing an important source of fresh water for the entire state.

Placer County supports this funding for several reasons. We view this restoration work as critical to the overall long term health of the forest and watershed. Forest management and watershed restoration are even more critical considering the devastating effects of drought over several years and the beetle infestation which is causing widespread tree mortality across our region. In addition, these areas contain prized recreational areas that further increase their value to our local economy. We view this as a critical project that will enable watershed and forest restoration in Placer County.

This post-fire watershed restoration work needs to be completed in many additional areas throughout the Rubicon and the greater American River watershed. Placer RCD's goal is to continue working with partners to identify additional funding to restore all areas of the watershed.

I strongly encourage you to fund this application.



Should you have any questions, please contact Joel Joyce, Management Analyst II at jjoyce@placer.ca.gov or 530-889-4026.

Sincerely,

COUNTY OF PLACER



David Boesch
Placer County Executive Officer

Cc: Jim Branham, Executive Officer, Sierra Nevada Conservancy
Elisa Noble, Executive Director, Placer County Resource Conservation District
Einar Maisch, General Manager, Placer County Water Agency
Brett Storey, Senior Management Analyst, Placer County



Gray Allen, District 1 144 Ferguson Road
Primo Santini, District 2 1444
Mike Lee, District 3 P.O. Box 6570
Robert Dugan, District 4 Auburn, CA 95604
Joshua Alpine, District 5 (530) 823-4850
Einar Maisch, General Manager (800) 464-0030
WWW.PCWA.GOV

February 25, 2016

Sierra Nevada Conservancy
Watershed Improvement Program
Grants Selection Committee

SUBJECT: Support of Application Submitted by Placer County Resource
Conservation District to Restore Portions of the Rubicon River Watershed

Dear Grants Selection Committee:

I am writing in support of the application submitted by Placer County Resource Conservation District (RCD) to restore portions of the Rubicon River watershed that were burned in the 2014 King Fire. The project goals are to reduce sedimentation, improve forest health and water quality, restore wildlife habitat, and improve biodiversity and overall watershed health.

This project was developed jointly with the Placer County Water Agency (PCWA), Eldorado National Forest, and Simorg West Forest LLC, who is the predominant private timberland owner in the area. Multiple partners support this project as the Rubicon River is a main source of Placer County's water for drinking, irrigation, and wildlife habitat. This water also continues downstream to join the American River and then the Sacramento River, providing an important source of fresh water for the entire state.

PCWA provides public water supplies, hydroelectric power generation, and supports watershed stewardship and recreational opportunities for the people of Placer County and the region. These vital and valued beneficial uses of water resources are derived from the Middle Fork American River and its tributaries, including the Rubicon River.

We support this project that will perform important watershed restoration work in Placer County.

This post-fire watershed restoration work needs to be completed in many additional areas throughout the Rubicon and the greater American River watershed. PCWA applauds Placer County Resource Conservation District's goal to continue working with partners to identify additional funding to restore all areas of the watershed.

I strongly encourage you to fund this application.

Sincerely,

PLACER COUNTY WATER AGENCY

A handwritten signature in blue ink, appearing to read 'A. Fecko', written over a horizontal line.

Andrew Fecko
Director of Resource Development

c: Jim Branham, Executive Officer, Sierra Nevada Conservancy
Elisa Noble, Executive Director, Placer County Resource Conservation District
Einar Maisch, General Manager, Placer County Water Agency
Brett Storey, Senior Management Analyst, Placer County

Tribal Consultation Narrative

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

Placer RCD contacted Marcos Guerrero of the United Auburn Indian Community, and Shanti Parks with the Colfax-Todds Valley Consolidated Tribe (Maidu and Miwok). Placer RCD informed them of our project application and asked for any feedback they would like to provide.

Mr. Guerrero replied that UAIC would like to know what environmental work and documentation had/would be completed for the project, and what actions would be taken to protect the natural and cultural resources important to the tribe. Placer RCD responded with information related to the part of the project covered under the King Fire NEPA FEIS, as well as the portions of the project that will be conducted on private land under CEQA.

Placer RCD did not receive any initial response from Ms. Parks of the Colfax-Todds Valley Consolidated Tribe (Maidu and Miwok), but will continue our due diligence to make contact.

Placer RCD will remain in contact with both tribal contacts throughout the project to solicit any feedback and address any concerns the tribal communities may have. Placer RCD will also have formal communication with the tribes as part of the CEQA documentation process for the project areas that will be conducted on private land.

Long-Term Management Plan

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

All landowners will be informed upfront as to the long-term management expectations associated with implementing this grant funding on their properties. Landowner agreements will be signed by Placer RCD, with each landowner indicating their intention to maintain the restoration work. The primary landowner - Simorg West Forest LLC (managed by Mason, Bruce, and Girard, Inc.) - is aware and open to the requirement for access to be allowed for 25 years for monitoring. Placer RCD will commit to at least 10 years of monitoring the restoration sites, and managing the restored sites to ensure successful long-term establishment. Project partners will also augment work as funding allows, to multiply the effectiveness of this initial implementation funding.

The partners agree to work together to ensure that the restoration work performed under this grant is maintained for at least ten years. This will include at least bi-annual monitoring to document the status of watershed health conditions in the project area. If any restoration work is subsequently damaged or otherwise not effective, the partners will make every effort to remedy those areas.

The partners will also make the restoration areas available to Sierra Nevada Conservancy for monitoring for 25 years.

SIERRA NEVADA CONSERVANCY
SNC Watershed Improvement Program - DETAILED BUDGET FORM

Project Name: Post-Fire Restoration in the King Fire Watershed

Applicant: Placer County Resource Conservation District

SECTION ONE DIRECT COSTS	Year One	Year Two	Year Three	Year Four	Year Five	Total
Site Restoration - 1 mile rock treatment	\$90,000.00					\$90,000.00
Site Restoration - Pigeon Roost culvert	\$40,000.00					\$40,000.00
Site Restoration - 125 acres mastication	\$112,500.00					\$112,500.00
Site Restoration - 30 acres hand crews	\$60,000.00					\$60,000.00
Site Restoration - 45 acres slash treatment		\$51,024.94				\$51,024.94
Site Restoration - 45 acres seeding		\$25,702.31				\$25,702.31
Site Restoration - 45 acres straw mulch		\$44,035.88				\$44,035.88
Site Restoration - 1 acre tree planting		\$7,939.51				\$7,939.51
						\$0.00
Per applicant, the 45 acre treatments are in fact 53.5 acres. Corrected 3/30/2016 (PE)						
						\$0.00
DIRECT COSTS SUBTOTAL:	\$302,500.00	\$128,702.64	\$0.00	\$0.00	\$0.00	\$431,202.64

SECTION TWO PARTIAL INDIRECT COSTS	Year One	Year Two	Year Three	Year Four	Year Five	Total
Reporting, Perf Measures, Invoicing	\$3,900.00	\$3,900.00	\$3,900.00			\$11,700.00
						\$0.00
						\$0.00
						\$0.00
INDIRECT COSTS SUBTOTAL:	\$3,900.00	\$3,900.00	\$3,900.00	\$0.00	\$0.00	\$11,700.00
PROJECT TOTAL:	\$306,400.00	\$132,602.64	\$3,900.00	\$0.00	\$0.00	\$442,902.64

SECTION THREE						Total
Administrative Costs (Costs may not exceed 15% of the above listed Project costs) :						
Organization operational costs	\$19,000.00	\$19,000.00	\$19,000.00			\$57,000.00
						\$0.00
						\$0.00
						\$0.00
						\$0.00
ADMINISTRATIVE TOTAL:	\$19,000.00	\$19,000.00	\$19,000.00	\$0.00	\$0.00	\$57,000.00
SNC TOTAL GRANT REQUEST:	\$325,400.00	\$151,602.64	\$22,900.00	\$0.00	\$0.00	\$499,902.64

SECTION FOUR						
OTHER PROJECT CONTRIBUTIONS	Year One	Year Two	Year Three	Year Four	Year Five	Total
USFS Eldorado NF: NEPA	\$25,000.00					\$25,000.00
USFS Eldorado NF: road & culvert eng.	\$5,000.00					\$5,000.00
USFS Eldorado NF: staff time		\$2,000.00				\$2,000.00
PCWA: staff time	\$2,000.00	\$2,000.00	\$2,000.00			\$6,000.00
Placer RCD: project management	\$3,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$13,000.00
Placer RCD: CEQA for private lands	\$4,000.00					\$4,000.00
Placer RCD/USFS: 6acres NEPA & stream restoration	\$9,000.00	\$8,100.00				\$17,100.00
Total Other Contributions:	\$48,000.00	\$15,100.00	\$5,000.00	\$2,000.00	\$2,000.00	\$72,100.00

NOTE: The categories listed on this form are examples and may or may not be an expense related to the project. Rows may be added or deleted on the form as needed. Applicants should contact the SNC if questions arise.

Appendix F - CEQA/NEPA Compliance Form

(California Environmental Quality Act & National Environmental Policy Act)

Instructions: All applicants must complete the CEQA compliance section. Check the box that describes the CEQA status of the proposed project. You must also complete the documentation component and submit any surveys, and/or reports that support the checked CEQA status.

If NEPA is applicable to your project, you must complete the NEPA section in addition to the CEQA section. Check the box that describes the NEPA status of the proposed project. Submit any surveys, and/or reports that support the NEPA status. For both CEQA and NEPA, submittal of permits is only necessary if they contain conditions providing information regarding potential environmental impacts.

NOTE: Effective July 1, 2015, AB52 compliance is required.

CEQA STATUS

(All applicants must complete this section)

Check the box that corresponds with the CEQA compliance for your project. The proposed action is either Categorical Exempt from CEQA, requires a Negative Declaration, Mitigated Negative Declaration, or an Environmental Impact Report per CEQA.

Categorical Exemption or Statutory Exemption

If a project is exempt from CEQA, all applicants, including public agencies that provide a filed Notice of Exemption, are required to provide a clear and comprehensive description of the physical attributes of the project site, including potential and known special-status species and habitat, in order for the SNC to make a determination that the project is exempt. A particular project that ordinarily would fall under a specific category of exemption may require further CEQA review due to individual circumstances, i.e., it is within a sensitive location, has a cumulative impact, has a significant effect on the environment, is within a scenic highway, impacts an historical resource, or is on a hazardous waste site. Potential cultural/archaeological resources must be noted, but do not need to be specifically listed or mapped at the time of application submittal. Backup data informing the exemption decision, such as biological surveys, Cultural Information Center requests, research papers, etc. should accompany the full application. Applicants anticipating the SNC to file an exemption should conduct the appropriate surveys and submit an information request to an office of the California Historical Resources Information System (CHRIS).

1. Describe how your project complies with the requirements for claiming a Categorical or Statutory Exemption per CEQA:

Since no work will be performed in any streams, and no major disturbances are proposed, we anticipate this project will meet the qualifications for a Notice of Exemption (NOE) under CEQA Section 15304 – Class 4 (minor alterations to land). Project partners will complete the necessary analyses and documentation, and Placer RCD will file the NOE with the State Clearinghouse.

The 53.5 acres of this project that will occur on private lands, and require CEQA analysis, is located within an 100-ft buffer on either side of a 2-mile length of Little Wallace Stream. This area is adjacent to land where we will already be performing CEQA and replanting trees via a CalFire Reforestation grant received by Placer RCD. Therefore, we are prepared to extend the CEQA analysis area to include

CEQA Documentation (continued from previous page)

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

this project, which will make the analysis more comprehensive, as well as cost-effective.

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If NEPA is applicable to your project, you must complete the NEPA section in addition to the CEQA section. Check the box that describes the NEPA status of the proposed project. Submit any surveys, and/or reports that support the NEPA status. For both CEQA and NEPA, submittal of permits is only necessary if they contain conditions providing information regarding potential environmental impacts.

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The 45 acres of this project that will occur on private lands, and require CEQA analysis, is located within an 100-ft buffer on either side of a 1 3/4 mile length of Little Wallace Stream. This area is adjacent to land where we will already be performing CEQA and replanting trees via a CalFire Reforestation grant received 

CEQA Documentation (continued from previous page)

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

by Placer RCD. Therefore, we are prepared to extend the CEQA analysis area to include this project, which will make the analysis more comprehensive, as well as cost-effective.

NEPA STATUS

Check the box that corresponds with the NEPA compliance for your project.

Categorical Exclusion

Submit the signed, approved Decision Memo and Categorical Exclusion, as well as documentation to support the Categorical Exclusion, including any permits, surveys, and/or reports that have been completed to support this NEPA status.

Environmental Assessment & Finding of No Significant Impact

Submit the signed, approved Environmental Assessment and Finding of No Significant Impact along with any permits, surveys, and/or reports that have been completed to support this NEPA status.

Environmental Impact Statement

Submit the Draft and approved, Final Environmental Impact Statement, along with the Record of Decision and any permits, surveys, and/or reports that have been completed to support this NEPA status.

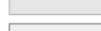
NEPA Documentation

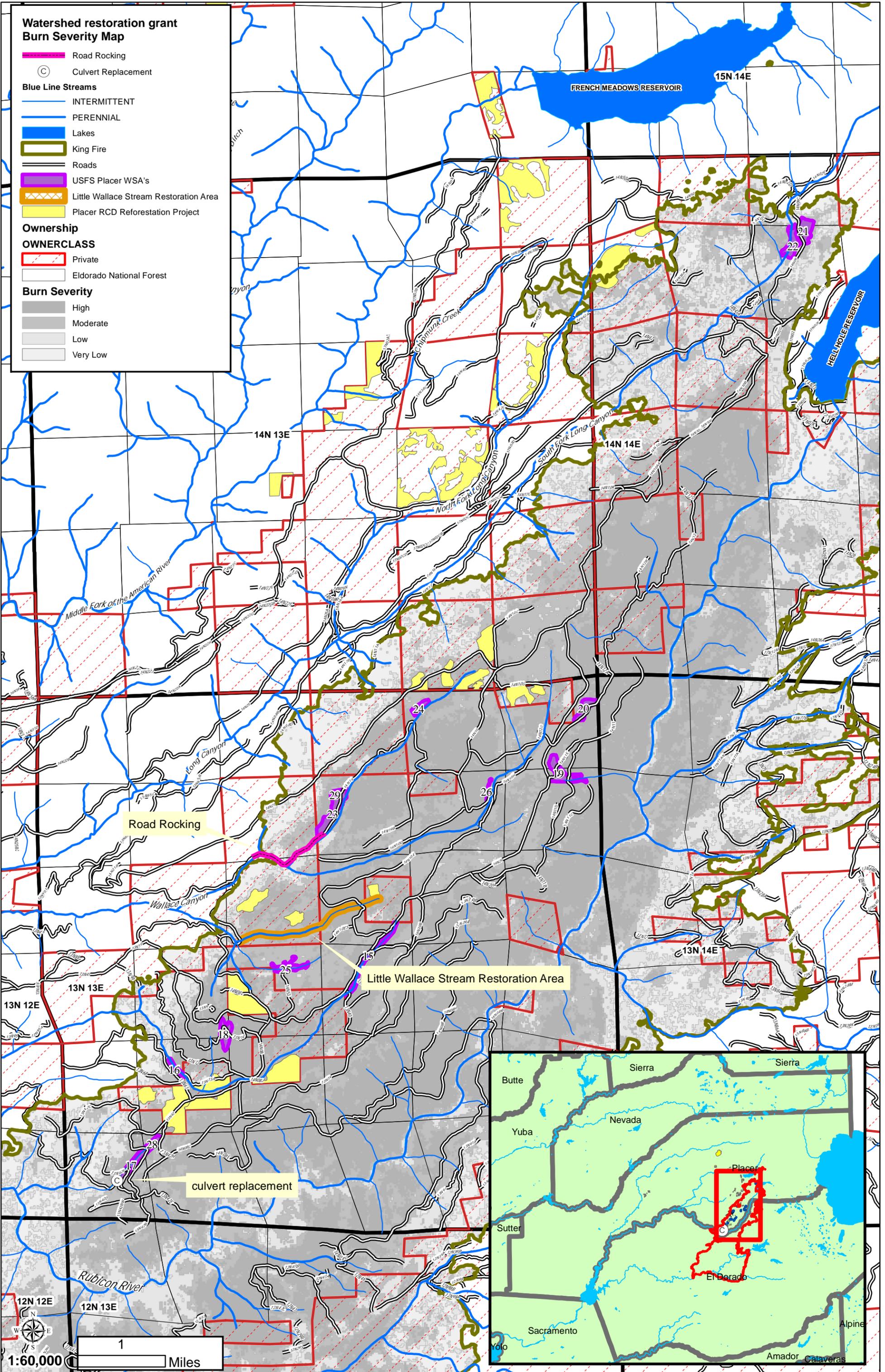
Project Name: Post-Fire Restoration in the Rubicon Watershed
Applicant: Placer County Resource Conservation District

The work to be performed on U.S. Forest Service (USFS) land was analyzed and included in the Final Environmental Impact Statement (EIS) Record of Decision for the King Fire Restoration Project. This complete documentation can be found on the Eldorado National Forest website at:

http://www.fs.usda.gov/wps/portal/fsinternet!/ut/p/c5/04_SB8K8xLLM9MSSzPy8xBz9CP0os3gDfxMDT8MwRydLA1cj72BTUwMTAwgAykeaxRtBeY4WBv4eHmF-YT4GMHkidBvgAI6EdIeDXIvfdRAJuM3388jPTdUvyA2NMMgyUQQAyrgQmg!!/dl3/d3/L2dJQSEvUUt3QS9ZQnZ3LzZfS000MjZOMDcxT1RVODBJN0o2MTJQRDMwODQ!/?project=45952

**Watershed restoration grant
Burn Severity Map**

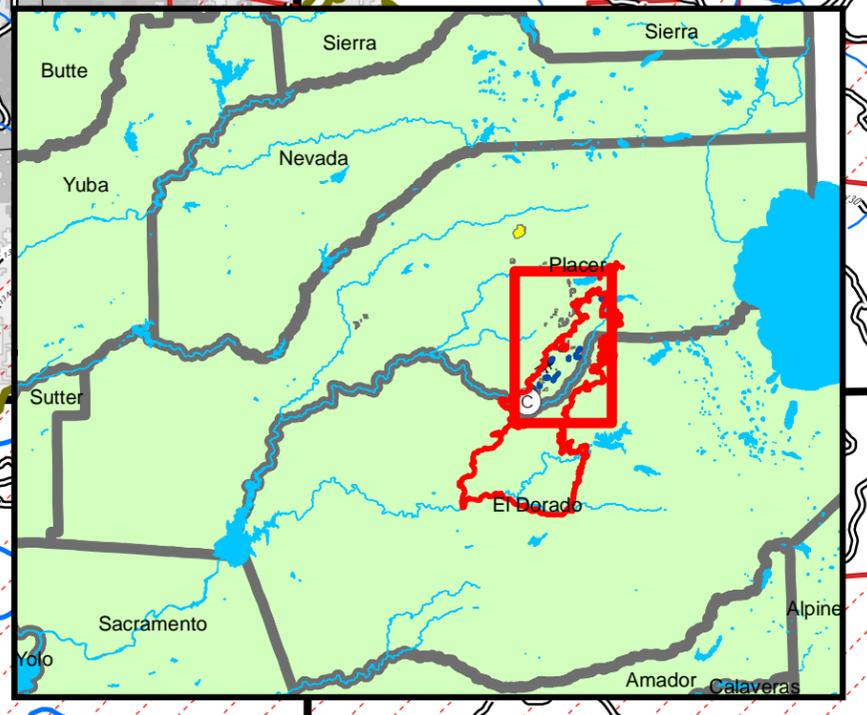
-  Road Rocking
-  Culvert Replacement
- Blue Line Streams**
-  INTERMITTENT
-  PERENNIAL
-  Lakes
-  King Fire
-  Roads
-  USFS Placer WSA's
-  Little Wallace Stream Restoration Area
-  Placer RCD Reforestation Project
- Ownership**
- OWNERCLASS**
-  Private
-  Eldorado National Forest
- Burn Severity**
-  High
-  Moderate
-  Low
-  Very Low



Road Rocking

Little Wallace Stream Restoration Area

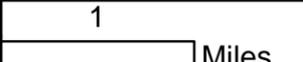
culvert replacement



12N 12E 12N 13E



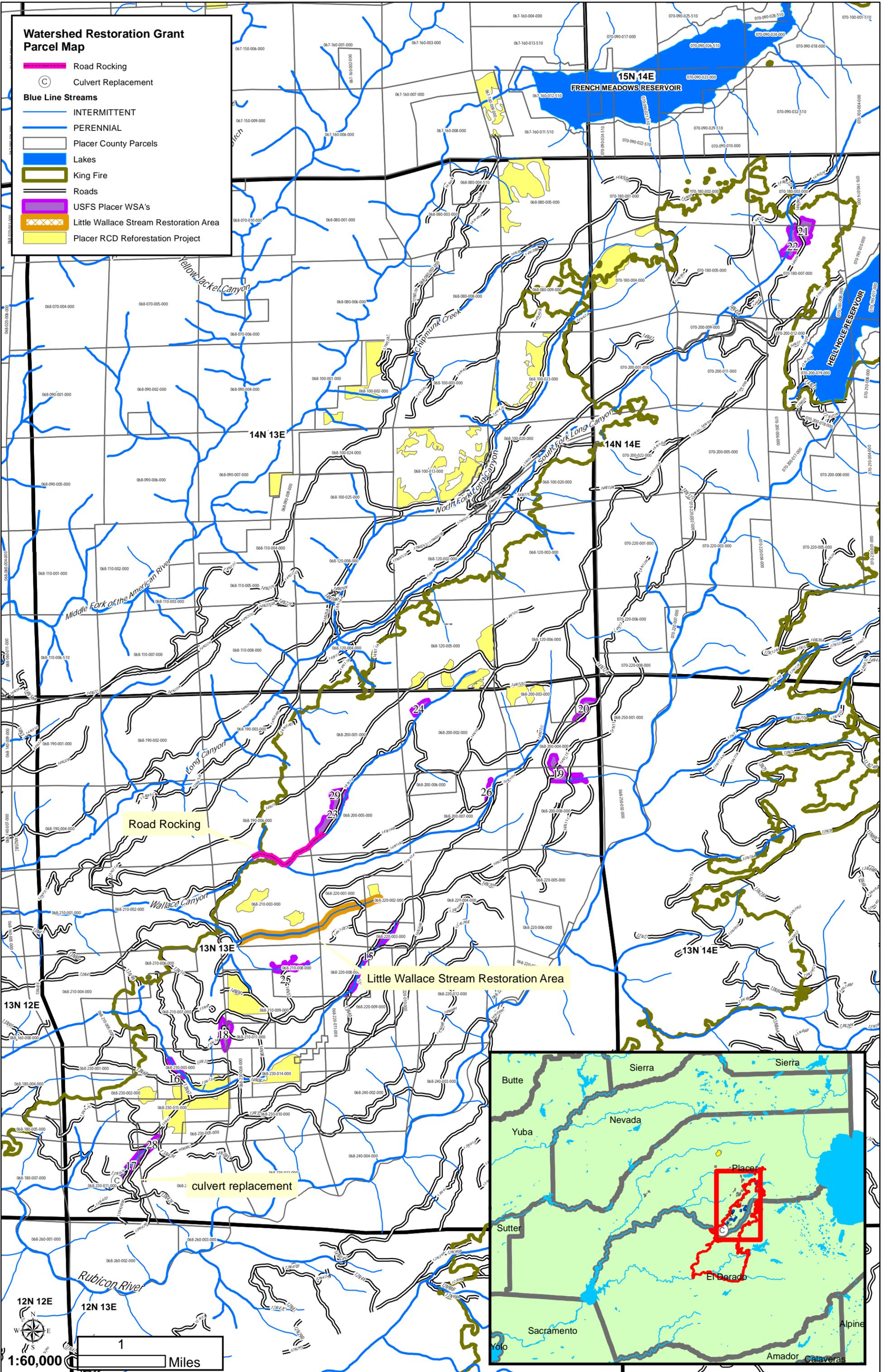
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Miles

Watershed Restoration Grant Parcel Map

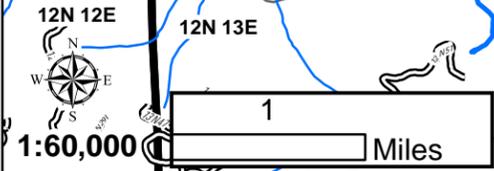
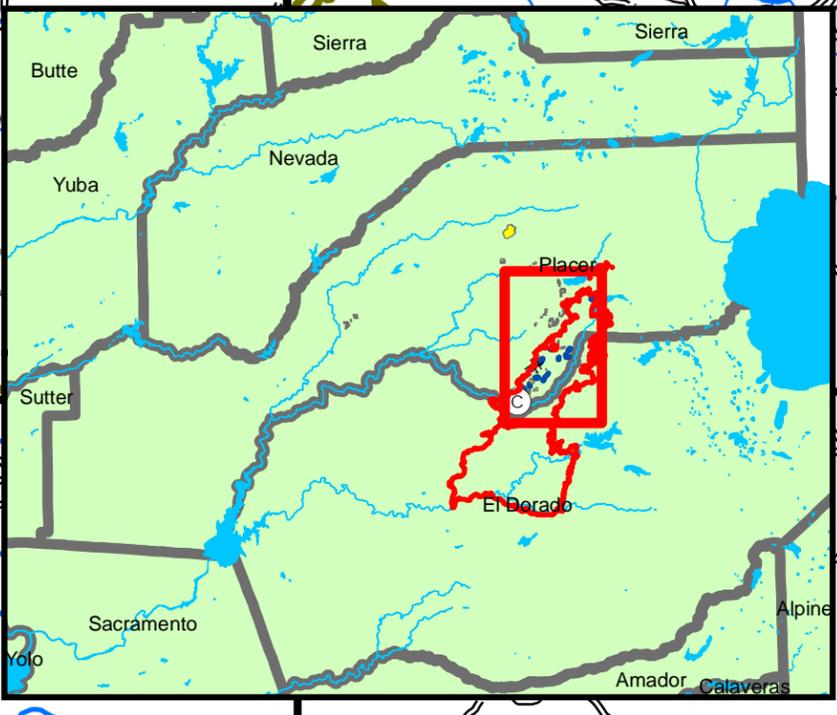
-  Road Rocking
-  Culvert Replacement
- Blue Line Streams**
 -  INTERMITTENT
 -  PERENNIAL
-  Placer County Parcels
-  Lakes
-  King Fire
-  Roads
-  USFS Placer WSA's
-  Little Wallace Stream Restoration Area
-  Placer RCD Reforestation Project



Road Rocking

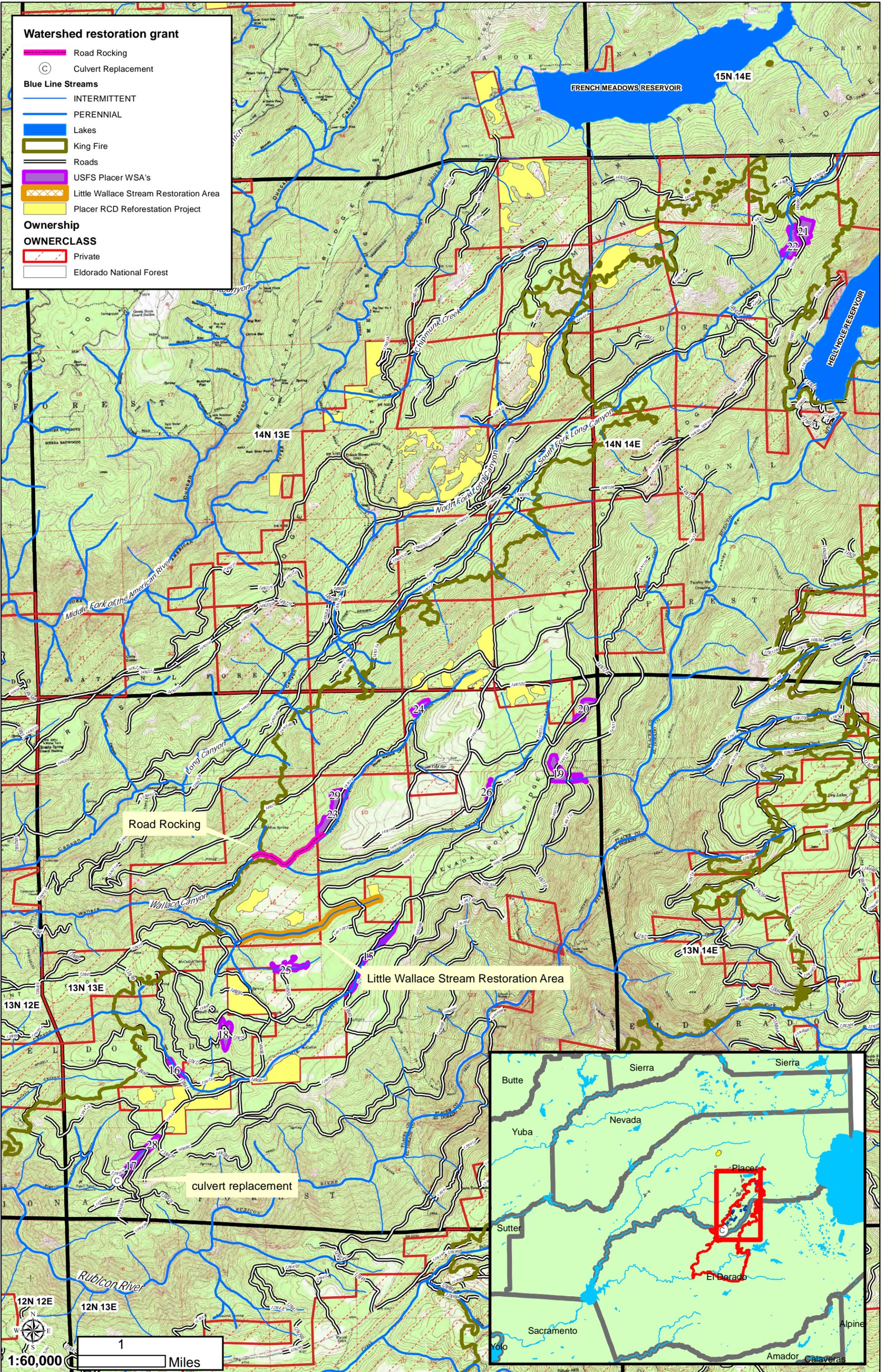
Little Wallace Stream Restoration Area

culvert replacement



Watershed restoration grant

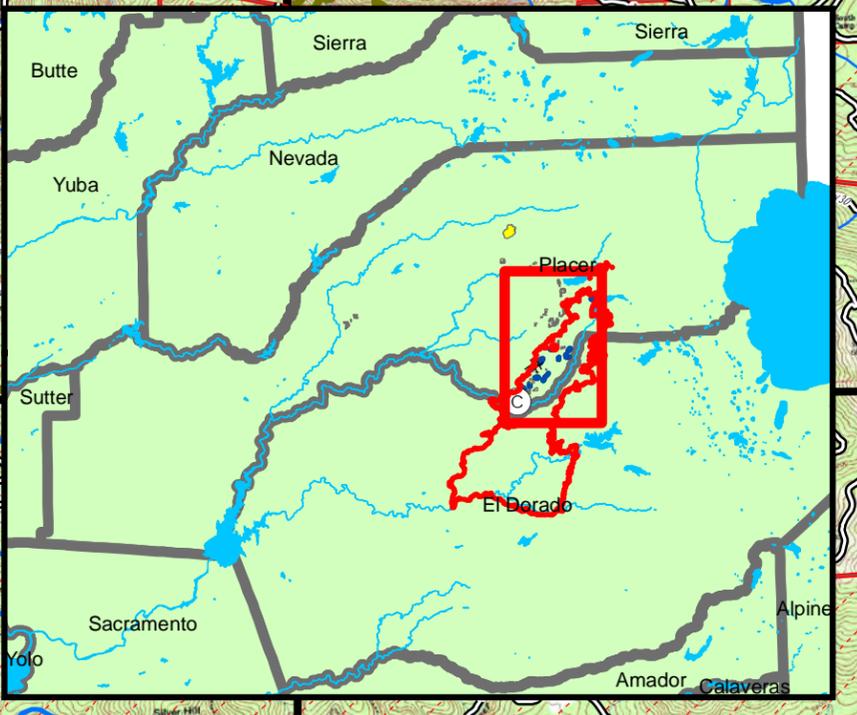
-  Road Rocking
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- Blue Line Streams**
 -  INTERMITTENT
 -  PERENNIAL
-  Lakes
-  King Fire
-  Roads
-  USFS Placer WSA's
-  Little Wallace Stream Restoration Area
-  Placer RCD Reforestation Project
- Ownership**
 - OWNERCLASS**
 -  Private
 -  Eldorado National Forest



Road Rocking

Little Wallace Stream Restoration Area

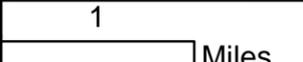
culvert replacement



12N 12E 12N 13E



1:60,000



Miles

Watershed Restoration Area

Aerial Photo

Legend

-  Little Wallace Stream
-  Watershed Restoration Area

Google earth

© 2016 Google

5 mi



Photos of the Project Site

Project Name: Post-Fire Restoration in the Rubicon Watershed

Applicant: Placer County Resource Conservation District

1. Rill erosion near Pigeon Roost Road



2. Failed Culvert Pigeon Roost Road



3. Upstream of failed Culvert Pigeon Roost Road



4. Rubicon River drainage in T13N R13E sec. 14



5. Rubicon River drainage in T13N R13E sec. 13



6. Wallace Canyon drainage in T13N R13E Sec. 16



7. Pigeon Roost Canyon – area that needs handwork



8. South Fork Long Canyon



9. Side Channel of Big Grizzly Creek



10. April 2015 Photo from Helicopter of Rubicon Drainage



Overall Site Plan

Updated Site Plan added to file
3/30/2016 (PE)

Blue Line Streams

- INTERMITTENT
- PERENNIAL

Lakes

- French Meadows Reservoir
- Hell Hole Reservoir

Burn Severity

- High
- Moderate
- Low
- Very Low

King Fire

- King Fire

USFS Roads

- USFS Roads

simorg roads

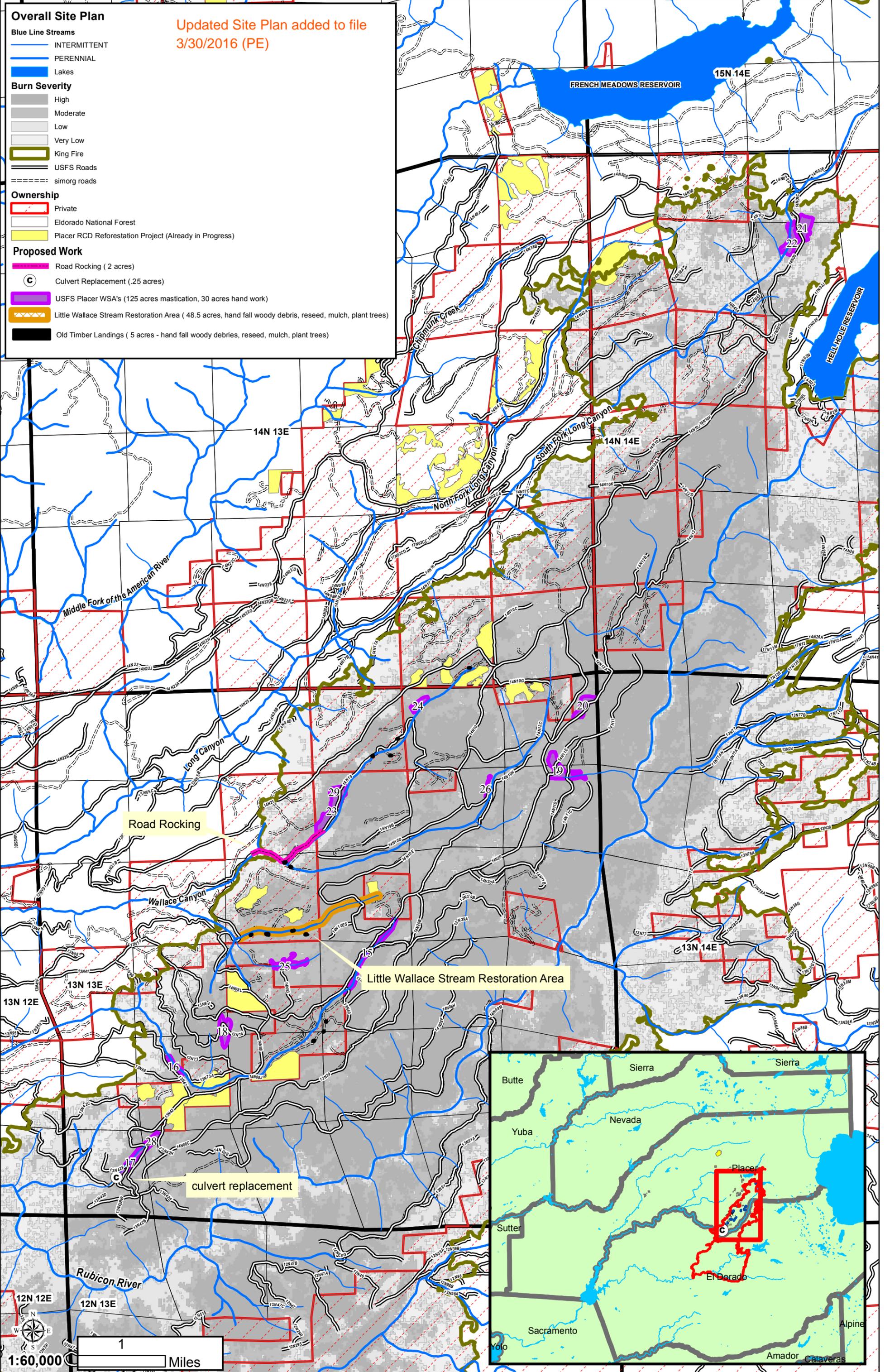
- simorg roads

Ownership

- Private
- Eldorado National Forest
- Placer RCD Reforestation Project (Already in Progress)

Proposed Work

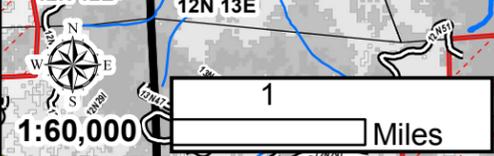
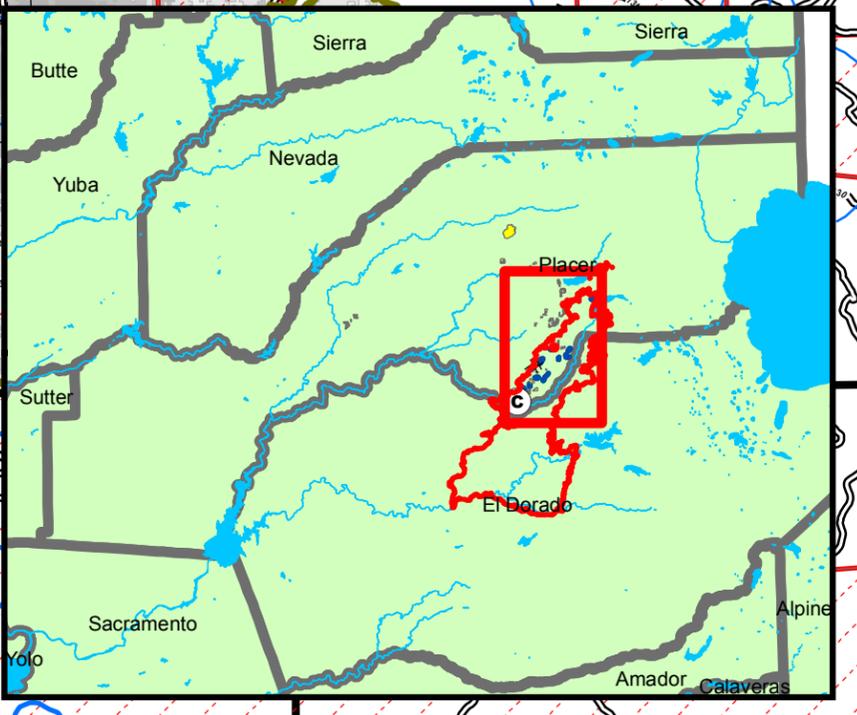
- Road Rocking (2 acres)
- Culvert Replacement (.25 acres)
- USFS Placer WSA's (125 acres mastication, 30 acres hand work)
- Little Wallace Stream Restoration Area (48.5 acres, hand fall woody debris, reseed, mulch, plant trees)
- Old Timber Landings (5 acres - hand fall woody debris, reseed, mulch, plant trees)



Road Rocking

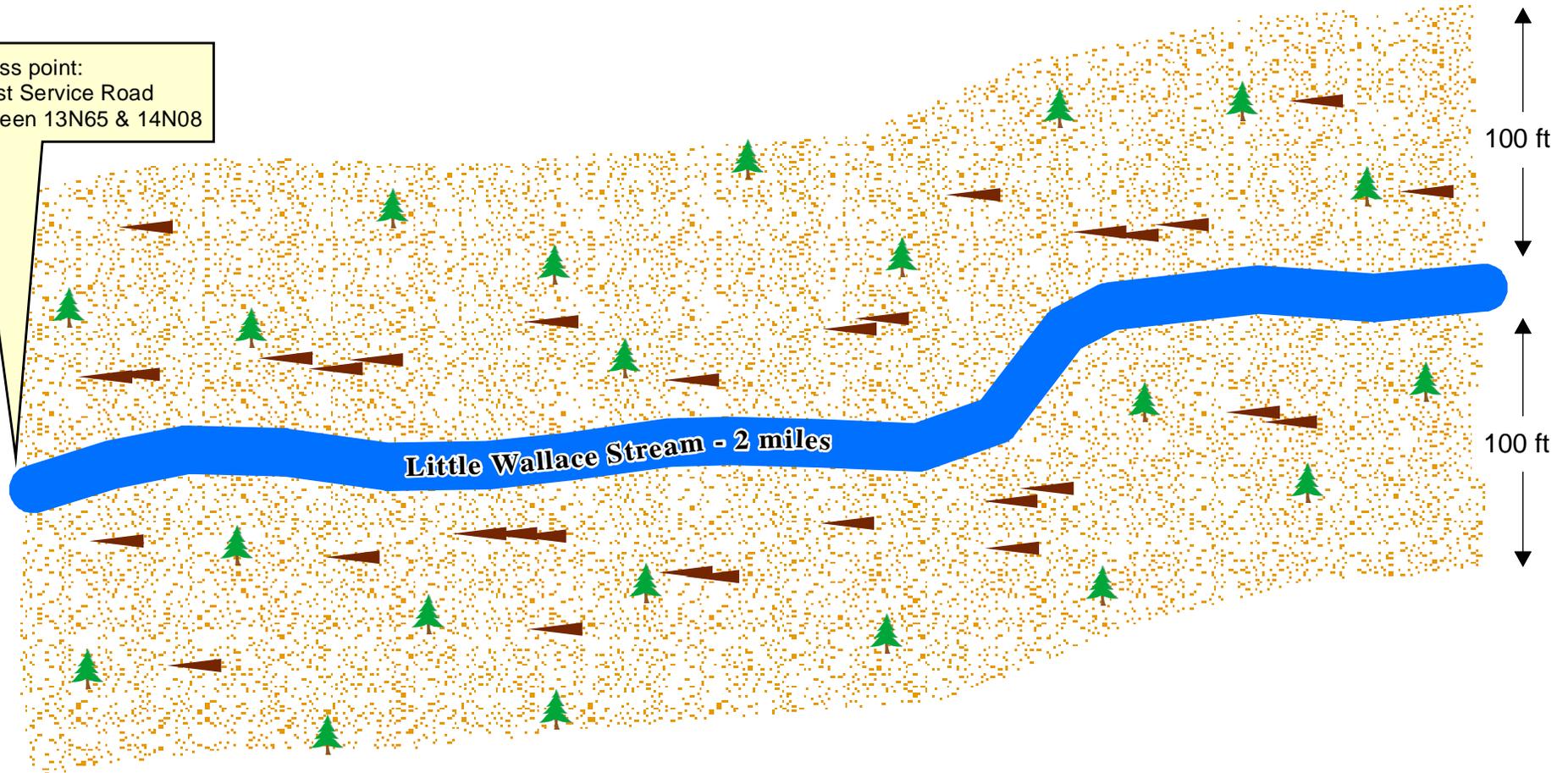
Little Wallace Stream Restoration Area

culvert replacement



Little Wallace Stream - 48.5 acres/2,112,000 sqft

Access point:
Forest Service Road
Between 13N65 & 14N08



Legend

-  Little Wallace Stream
-  Felled Submerchantable Trees
-  Seedlings
-  Straw Mulch & Broadcasted Native Seed

